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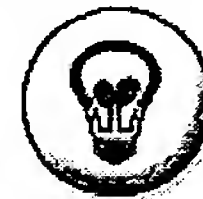
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Class 701

Method and apparatus for determini vehicle operating conditions and pro warning or intervention in response conditions



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Monitor Keywords

Brief Patent Description - Full Patent Description - **Patent Claims**

1. A control system for a vehicle comprising: a GPS system generating a vehic
for a vehicle relative to a surface; a plurality of driver inputs; a plurality of vel
controller coupled to the GPS system, the plurality of driver inputs and the plu
inputs, said controller determining a predicted path in response to the plurality
the vehicle inputs and a desired path in response to the GPS system, said contr
comparison of the predicted path and the desired path, said controller generati
in response to the comparison.

2. A control system as recited in claim 1 wherein said controller performs the
colinearity of a confidence level.

3. A control system as recited in claim 1 wherein said controller performs the
linear regression model, said threshold corresponding to an estimated error.

4. A control system as recited in claim 1 wherein the linear regression model i
angle, yaw angle and vehicle speed.

5. A control system as recited in claim 1 wherein the plurality of vehicle input

20. A control system as recited in claim 19 wherein the linear regression model includes pitch angle, yaw angle and vehicle speed.

21. A method of controlling an automotive vehicle comprising: generating a vehicle signal for a vehicle relative to a surface; generating a plurality of driver inputs and a plurality of vehicle inputs; determining a predicted path in response to the plurality of driver inputs and the vehicle inputs and a desired path in response to the vehicle position; comparing the predicted path and the desired path; and generating a control signal in response to the comparison.

Brief Patent Description - Full Patent Description - **Patent Claims**

Click on the above for other options relating to this Method and apparatus for determining vehicle operating conditions and providing a warning or intervention in response to the conditions of the vehicle.

Related - 20060142902 - (abstract) - Method for the informative assistance of means of an on-board multimedia system

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Previous Patent Application:

Handheld computer based system for collection, display and analysis of engine data

Next Patent Application:

System and method for driving portable multimedia player

Industry Class:

Data processing: vehicles, navigation, and relative location

###

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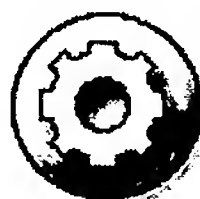
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Handheld computer based system for display and analysis of engine/vehicle

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A novel and improved engine data system for collecting, displaying and analyzing provided. The system have advantageously results in a more effective, convenient method of monitoring and processing vehicle data. The vehicle data system in computer containing operating system software adapted to operate the handheld with a data protocol different from a vehicle bus protocol and a handheld micro the operating system software. The system importantly includes an adapter for between a vehicle bus connector and an external data port provided on the handheld physically incompatible with the engine bus connector. The adapter includes a connection with the external data port, a bus compatible connector for connecting connector, a battery power supply separate from the power supply of the handheld adapter microprocessor powered by the battery power supply and connected via the bus compatible connector for protocol conversion of the data received from engine data adapter system for creating a data pathway between the engine data computer while determining the start and stop of messages received from the computer message identifiers to the engine data so as to minimize the required data processing computer. (SCROLL BELOW TO READ THE REST OF THE PATENT...)

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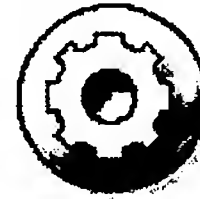
Inventors: [Andrew J. Pajakowski](#), [Jon E. Krutulis](#), [Alex Knight](#), [Michael W. Lee](#),
[Gene Shipman](#), [Joe Beitzinger](#)

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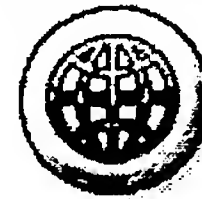
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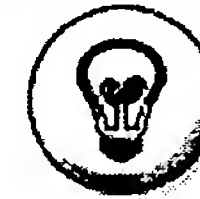
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System and method for driving portable multimedia player



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A system for driving a mobile multimedia player where a mobile disk driver p
system level is interworked with a filter driver for processing a command of a
mobile multimedia player, OS level control and control with a manager tool ca
the mobile multimedia player can correspond to the mobile disk driver and the
(SCROLL BELOW TO READ THE REST OF THE PATENT...)

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Agent: [Jonathan Y. Kang, Esq. Lee, Hong, Degerman, Kang & Schmadeka](#) - I

Inventors: [Dong Chul Kim](#), [Seak Woo Cho](#)

Class: 701001000 (USPTO), G06F007/00 (Intl Class)

Brief Patent Description - [Full Patent Description](#) - [Patent Application Claim](#)

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] Pursuant to 35 U.S.C. .sectn. 119(a), this application claims the benefit of
right of priority to Korean Application No. 10-2003-74731, filed on Oct. 24, 2
is hereby incorporated by reference herein in its entirety.



Application Number

SEARCH

IDS Flag Clearance for Application

10605768

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Reviewer
M844	10-30-2003	9	<input checked="" type="checkbox"/>	04-07-2004 18:02:33 eburns

UPDATE



Day : Thursday
Date: 7/6/2006
Time: 14:47:48

Application Number Information

Application Number: 10/605768
Assignments
Filing or 371(c) Date: 10/24/2003
Effective Date: 10/24/2003
Application Received: 10/24/2003
Pat. Num./Pub. Num: /20050090938
Issue Date: 00/00/0000
Date of Abandonment: 00/00/0000
Attorney Docket Number: 202-0553
Status: 30 /DOCKETED NEW CASE - READY FOR EXAMINATION
Confirmation Number: 2767
Title of Invention: METHOD AND APPARATUS FOR DETERMINING VEHICLE OPERATING CONDITIONS AND PROVIDING A WARNING OR INTERVENTION IN RESPONSE TO THE CONDITIONS

Examiner Number: 74138 / NGUYEN, CUONG
Group Art Unit: 3661 IFW IMAGE
Class/Subclass: 701/001.000
Lost Case: NO
Interference Number:
Unmatched Petition: NO
L&R Code: Secrecy Code:1
Third Level Review: NO Secrecy Order: NO
Status Date: 04/07/2004
Oral Hearing: NO

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04/08/2004		TSSCOMP	IFW TSS PROCESSING BY TECH CENTER CO
04/07/2004	30	DOCK	CASE DOCKETED TO EXAMINER IN GAU
10/30/2003		M844	INFORMATION DISCLOSURE STATEMENT (I)
01/23/2004	20	WROIPE	APPLICATION RETURN FROM OIPE
01/23/2004	18	ROIPE	APPLICATION RETURN TO OIPE
01/23/2004	20	OIPE	APPLICATION DISPATCHED FROM OIPE
01/26/2004		COMP	APPLICATION IS NOW COMPLETE
01/16/2004		L194	CLEARED BY OIPE CSR
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